

is present fore and aft, it is wanting internally and externally. The anterior median tubercle is present on all the true molars, and the bases of the acute inner cones are in contact. The sagittal crest is truncate, and the squamosal portion of the zygoma very stout. The nasal bones are together very convex in transverse section.

	M.
Length of true molar series (2.75 in.)	0.067
" last " 025
Width " " 026
Length of penultimate molar.....	.026
" " " 026
Depth squamosal process.....	.025

Found by the writer on a bluff on Green River, near the mouth of the Big Sandy, Wyoming.

I have just received a paper "On the Gigantic Fossil Mammals of the Order Dinocerata, by Prof. O. C. Marsh," which contains a formidable catalogue of errors which the author appears to suppose I have committed in describing animals of this type. All this is explained by the fact that Prof. Marsh has never seen the genus *Eobasiliscus* Cope, and erroneously supposes it to resemble *Uintatherium* Leidy (*Dinoceras* Marsh). The descriptions which I have given are correct, as will presently appear, as well as the fact that I have anticipated the Professor in the descriptions of some of the allied species.

Stated Meeting, February 21st, 1873.

Present, 14 members.

Vice-President, Prof. CRESSON, in the Chair.

Letters of acknowledgment were received from the N. H. Union at Bonn, Aug. 6th (84, 85, 86); Bureau des Longitudes, Jan. 7th (89, XIV, iii); the Historical Societies of Maine, New Jersey, Maryland and Georgia (89); the Essex Institute, Feb. 14th (89); Lyceum N. H. N., York, Feb. 10th (89).

A letter of envoy was received from the Census Office. Feb. 11th, 1873.

A letter from Mr. A. Van Name, Lib. Yale College, was read, requesting deficiencies to be supplied.

Donations for the Library were received from the R. Prussian and Belgian Academies, Netherland Botanical

Association at Nijmegen, Geographical Society at Paris. Revue Politique, London Nature, R. Astronomical Society and Meteorological Office, Boston Public Library, Prof. Horsford, City of Boston, American Antiquarian Society. Cornell University, Franklin Institute, American Pharmaceutical Association, House of Refuge and Water Commissioners, Offices of the U. S. Army and Census, Congressional Library, U. S. Naval Observatory, and Mr. E. K. Price.

The Committee on the Chess Knights' Tours was, on motion, discharged from further consideration of the subject.

Dr. Horn communicated papers on the "Revision of the Species and Genera of the tribe Hydrobiini of the United States," and "Revision of the Species of several Genera of Meloidæ of the United States."

Prof. Cope exhibited the remains of a gigantic Proboscidian (Eobasileus) from Wyoming, and offered for publication in the Proceedings remarks on the Short-footed Ungulates of the Eocene of Wyoming.

Mr. Blodget read a paper on the Unperiodic Distribution of Heat, suggesting the possibility of a Cosmical cause for the exceptionally severe accesses of heat and cold in American districts.

Mr. Lesley considered it needless to look beyond the recognised phenomena of radiant heat through a dry atmosphere, in connection with the perpetual presence of Arctic cold a few thousand feet above the surface of the earth, in seeking for the true explanation of "Texan Northers" and other locally excessive cold spells.

Dr. Horn gave his experience in Orme's Valley, California, where the dryness of the air sometimes made a difference of 75° (seventy-five) F. between the wet and dry bulbs. On such occasions the nights were always extra cold.

After further discussion by Prof. Chase, the Minutes of the last meeting of the Board of Officers were read.

New nominations Nos. 715 to 728 were read; and the meeting was adjourned.